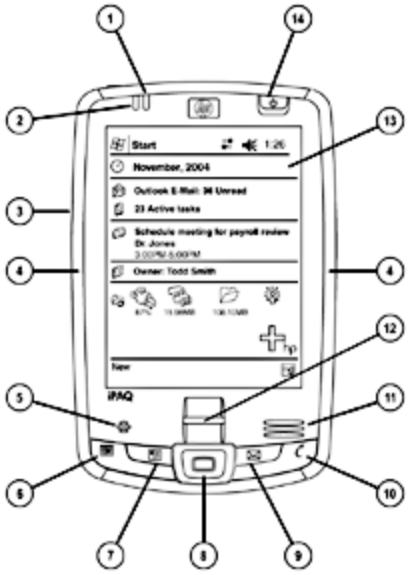
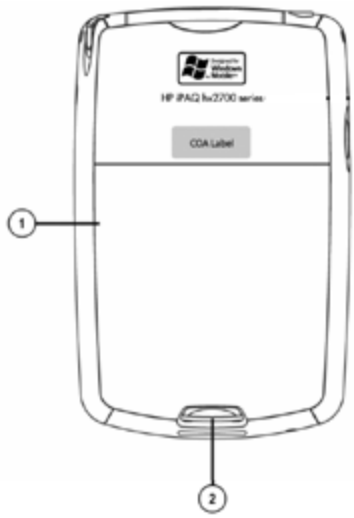
Overview



Front Image



Reverse Image

1. Charging/Notification LED
2. Wireless LED
3. Voice Record Button (side)
4. Rubber Side Grips
5. Microphone
6. Calendar Button
7. Contacts Button
8. 5-way Navigation Button
9. Messaging Button
10. iTask Button
11. Speaker
12. Biometric Fingerprint Reader (not available on all models)
13. Color Display
14. Power Button

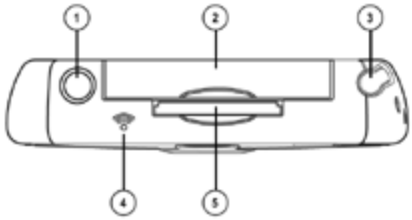
1. Battery Door Cover
2. Batter Door Cover Release

At A Glance

- Intel® PXA270 Processor 624 MHz
- Integrated Biometric fingerprint reader
- Integrated Wi-Fi (802.11b)[1]
- Integrated Bluetooth®[1] wireless technology
- Integrated Compact Flash type II (CF) and Secure Digital (SDIO) slots
- HP ProtectTools secured by CREDANT Technologies security application[2]
- 3.5" transflective TFT QVGA with 64K color LED backlight display, landscape and portrait display modes
- Microsoft® Windows Mobile™ 2003 Second Edition software for Pocket PC
- Removable/rechargeable 1440 mAh battery
- Integrated Serial IR
- Protective plastic flip cover
- Pocket versions of familiar applications like Microsoft® Outlook®, Word and Excel

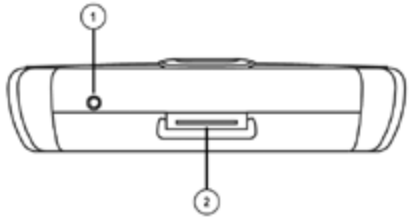
NOTE: 1 A standard WLAN (Wi-Fi) infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless network service providers for availability and coverage in your area. Not all web content available.

Overview



Top Image

1. Headphone/Headset Jack
2. Compact Flash (CD) Expansion Slot
3. Stylus
4. Serial IR (Infrared) Port
5. Secure Digital (SDIO) Expansion Slot



Bottom Image

1. Reset Button
2. Charging/ActiveSync Connector

Standard Features

Models

iPAQ Pocket PC hx2750 – 128 MB ROM, 128 MB SDRAM, Wi-Fi (802.11b), Bluetooth, Serial IR and Biometrics security

FA301A#ABA – US Commercial, English

iPAQ Pocket PC hx2755 - 128 MB ROM, 128 MB SDRAM , Wi-Fi (802.11b), Bluetooth, Serial IR and Biometrics security

FA300A#ABA - US Retail, English

Processor	Intel® PXA270 Processor 624 MHz NOTE: Intel's processor numbering is not a measurement of higher performance.	
Memory	**User Available Memory**	256 MB total memory (128 MB ROM and 128 MB SDRAM) Up to 185 MB user available memory that includes 80 MB iPAQ File Store
Display	**Type**	Transflective TFT QVGA color with LED backlight with power save mode
	Modes	Portrait and landscape
	Number of Colors	64K color (65,536 colors) 16-bit
	Touch Screen	Yes
	Resolution (W x H)	240 x 320 pixels
	Dot Pitch	0.24 mm
	Viewable Image Size	3.5 in (89 mm)
Hardware Buttons/ Reset Buttons	Power, soft reset, 5-way navigation, voice record, calendar, contacts, messaging, and iTask buttons. (The last 5 buttons are re-programmable.)	
Stylus	One – Included in the box	
Audio	Integrated microphone, speaker and one 3.5 mm stereo headphone jack, MP3 stereo (through headphone jack)	
Indicators	**LED 1 – Power**	Solid amber LED – battery in unit fully charged Flashing amber LED – battery in unit charging Flashing green – event alarm/notification
	LED 2 – Wireless	Flashing blue LED – wireless radio enabled
Cradle Interfaces	**Connector**	1 – 22 pin
	DC Power jack connector for AC/DC Adapter connection	1
Other interfaces	IrDA (SIR) **USB 1.1 Client** – supported via HP standard 22 pin cradle interface **Serial RS232** – supported via HP standard 22 pin cable interface (cable must be purchased separately) NOTE: Some HP authorized options may not be supported. See http://www.hp.com/go/ipaqaccessories.	

Standard Features

SD Slot	Support 1-bit SDIO and 4-bit SD/MMC type memory standard		
CF Slot	1 Type II		
Power Supply	**Battery**	Removable/rechargeable 1440 mAh Lithium-Ion (user changeable). Optional extended 2880 mAh Lithium-Ion battery available for purchase (http://www.hp.com/go/ipaqaccessories).	
	AC Power	AC Input: 100~240 Vac, 50/60 Hz, AC Input current: 0.3 Aac max Output Voltage: 5Vdc (typical), Output Current: 2A (typical)	
	NOTE: Battery run time varies based on the usage pattern of an individual user and the configuration of the handheld. Use of internal wireless capabilities and backlight will significantly decrease battery run time.		
AC Adapter	**Dimensions** (H x W xD)	3 x 1.9 x 1.8 in (76 x 48 x 44 mm – including prongs), (may vary by model)	
	Cord Length (approx.)	6 ft (1.83 m)	
	Power Supply Ratings	Voltage Range	100 to 240 V Switching
		Input Current	0.3 Aac
		Input Frequency	50 to 60 Hz
		Output Voltage	5 VDC
		Output Current	2 Amp
System Unit	**Dimensions** (H x W x D)	4.71 x 3.01 x .65 in (119.4 x 76.6 x 16.3 mm)	
	Weight	5.8 oz (164.4 g)	
	Operating Temperature	32° to 104° F (0° to 40° C)	
	Storage Temperature	-4° to 140° F (-20° to 60° C)	
	Operating Humidity	90% RH	
	Regulatory Marks	**Electrical**	FCC Class B, UL or CSA NRTL
		Safety	C-UL, NOM
Design Features	4 programmable application quick-launch buttons, 5-way navigation button, touch-sensitive display for stylus or fingertip, voice record button, microphone and speaker, biometric fingerprint reader, rubber sides for comfortable grip		
Operating System	Microsoft® Windows Mobile™ 2003 Second Edition software for Pocket PC Pocket versions of Microsoft software are included (Outlook, Word, Excel and Internet Explorer for Pocket PC)		
Operating System Applications	Powered by Microsoft® Windows Mobile™ 2003 Second Edition for Pocket PC, Calendar, Contacts, Tasks, Voice Recorder, Notes, Pocket Word (with Spellchecker), Pocket Excel, Pocket Internet Explorer, Windows Media Player 9 (MP3, audio and video streaming), Calculator, Solitaire, Jawbreaker, Inbox (with Spell Checker for email), File Explorer, Pictures, Terminal Services Client, VPN Client, Infrared Beaming, Clock, Align Screen, Memory, Volume control		
In the box	HP iPAQ hx2700 series Pocket PC, lithium-Ion 1440 mAh removable/rechargeable battery, AC adapter, charger adapter USB desktop synchronization cradle, stylus, protective plastic flip cover, Getting Started Guide, How Do I…? Guide and HP iPAQ Pocket PC Companion CD.		

Standard Features

Additional Software and links

Outlook 2002, Microsoft ActiveSync 3.7.1 (Desktop device synchronization), Microsoft Reader eBooks, and links to Microsoft websites for additional downloadable applications.
NOTE: Some programs may require purchase of additional desktop software to utilize Pocket PC versions.

Service and Support

One-year parts and labor in most regions; 90 days technical support for software in most regions. Additional offers may vary by region.

HP Exclusive Applications

- HP ProtectTools secured by CREDANT Technologies: secure your device and your data
- Bluetooth Phone Manager: connect to a Bluetooth enabled phone and browse the internet[1,3,4]
- iPAQ Wireless: manage your wireless connections
- HP Profiles: set and name profiles to be used at different times for different functions, such as ring type, volume, brightness and wireless settings
- HP Mobile Printing: print to network and Bluetooth printers without any additional software
- Bluetooth Manager: manage your Bluetooth connections and settings
- iPAQ File Store: non-volatile storage in flash ROM
- iPAQ Backup: backup and restore your data to main memory, memory card or iPAQ file store
- iTask: launch and switch between tasks and applications
- HP Image Zone for Pocket PC: view images and create slide shows
- Utilities: Self Test, iPAQ Audio, Power Status
- How Do I…? Guide

Companion CD from HP

	Full Versions	Trial Versions
Applications	ActiveSync Adobe Reader for PC ClearVUE Suite (Word and Excel) ClearVUE Suite (PPT and PDF) Outlook 2002 Desktop WorldMate (NA Retail only) Media Player Desktop	Altiris Express Afaria Management File Explorer 2003 Margi Presenter-to-go Pocket Informant 5.0
CD Links	Audible Player AvantGo Handango iPAQ Backup upgrade LANDesk Vindigo 2.0 Microsoft Games	

Additional Documentation

Safety and Comfort Guide on PDF, and User Guide on PDF

NOTE: Programs may vary based on model. Some programs are accessed through CD links to download web sites.

Standard Features

Wi-Fi (802.11b) Specifications[1,5]	**Technology**	High-speed wireless access to the Internet, email and corporate data
	RF Network Standard	IEEE 802 Part 11b (802.11b)
	Frequency Band	2.4000 to 2.4835 GHz 2.4465 to 2.4835 GHz (France) 2.4000 to 2.497 GHz (Japan)
	Antenna type	Embedded Antenna
	Security	WEP 64/128-bit compliant to IEEE 802.11 Compliant to 802.1X (EAP-TLS, PEAP) LEAP, WPA
	Network Architecture Models	Ad-hoc (Peer to Peer) Infrastructure (Access Points Required)
	Modulation Technique	Direct Sequence Spread Spectrum
	Modulation Schemes	DBPSK, DQPSK, CCK
	Receiver Sensitivity – Packet Error Rate (8E-2)	11 Mbps: <-80 dBm 5.5 Mbps: <-82 dBm 2 Mbps: <-86 dBm 1 Mbps: <-89 dBm
	Maximum Receive Level	-10dBm (1/2/5.5/11 Mbps)
	Output Power	15 dBm
	Power Management	Radio On/Off control through iPAQ wireless Power Save mode available in Power Settings
	Power Consumption	Transfer mode: < 300 mA, average Receive mode: < 200 mA, average
	Power Saving Option	802.11 Compliant Power Saving, idle mode 20 mA
	Media Access Protocol	CSMA/CA (Collision Avoidance) with ACK
	Protocols Supported	TCP/IP IPX/SPX UDP
	Operating Distance	Up to 1000 feet – Open sight
	Certifications	All necessary regulatory approvals for countries we support including: WECA Wi-Fi approval FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 301 489-6 Low Voltage Directive IEC950 UL, CSA, and CE Mark

NOTES:

[1] A standard Wi-Fi infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless network service providers for availability and coverage in your area. Not all web content available.

[5] Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use may require separately purchased Internet service contract.

Standard Features

Bluetooth® Specifications[1]	**Technology**	High-speed, low-power, short-range wireless communication with other Bluetooth devices
	Bluetooth specification	1.2 compliant (2.4-GHz Industrial Scientific Medical Band)
	System interface	High-speed UART processor interface
	User Interface	Bluetooth Manager
	Device type	Class II device; up to 4 dBm transmit, typical 10 meter range
	Power	3.3V 5% Peak current – typical TX current at approximately 30 mA – typical RX current at approximately 50 mA
	Receiver sensitivity	-83 dBm
	Regulatory standards	R&TT#-EN 300 328 and EN 300 826, UL 1950, CB Safety Scheme inclusive of EN 60950 and IEC 950, FCC Part 15 subpart C, Canadian, CE
	Profile Support	General Access Profile Service Discovery Application Profile Serial Port Profile Generic Object Exchange Profile File Transfer Profile Dial-Up Networking Profile LAN Access Profile Object Push Profile Personal Area Networking Profile Basic Printing Profile Hard Copy Replacement Profile (printing) Headset Profile
	Usage Models	**Service Discovery** Determine what Bluetooth devices are within range and support authorization **File Transfer** File and directory browsing and navigation on another Bluetooth device. File copying Object manipulation – including add, delete, create new folders etc. **Serial Port** Synchronization between PDAs and PCs **Dial Up Networking** Wireless link to WAN thru Bluetooth enabled cell phone[1,3,4] Agnostic to WAN technology Send/receive SMS messages **LAN Access** Wireless link to Corporate LAN using Bluetooth and appropriate Bluetooth access point[1] Corporate email, network neighborhood, access to LAN applications, file transfer, ftp, Internet browsing, etc, using TCP/IP[1] Access the Internet by connecting to your desktop or notebook over Bluetooth and using its network connection[1] **Generic Object Exchange and Object Push** Exchange business cards, tasks, documents, appointments and more[1] **Personal Area Networking** Collaborate, chat, play games, exchange data[1] Adhoc peer to peer networking[1] **Basic Printing and Hard Copy Replacement Profiles** Print to any HP Bluetooth enabled printer without the need for cables or specific print drivers
	Certifications	All necessary regulatory approvals for countries supported including: Bluetooth logo (FCC (47 CFR) Part 15C, Section 15.247&15.249 ETS 300 328, ETS 301 489-1/17 Low Voltage Directive IEC950 UL and CE Mark

NOTE:

[1] A standard Wi-Fi infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless network service providers for availability and coverage in your area. Not all web content available.

Options

NOTE: Optional accessories are available at additional cost.

Memory/Storage	128 MB SD Memory Card	FA135A#AC3
	256 MB SD Memory Card	FA136A#AC3
	512 MB SD Memory Card	FA184A#AC3
	1 GB SD Memory Card	FA283A#AC3
Power	1440 mAh Lithium-Ion Standard Battery	FA285A#AC3
	2880 mAh Lithium Ion Extended Battery	FA286A#AC3
	Automobile Adapter	FA125A#AC3
	Charger Adapter	FA133A#AC3
	AC Adapter	FA130A#ABA
Synchronization	Desktop Cradle	FA260A#AC3
	AutoSync Cable (USB and Serial)	FA122A#AC3
Input Devices	Stylus Three-pack	FA261A#AC3
	Foldable Keyboard	FA118A#ABA
	Wireless Bluetooth folding keyboard	FA287A#AC3
	Thumb keyboard	FA302A#AC3
	SDIO Camera (Photosmart Mobile Camera)	FA185A#ABA
Navigation	iPAQ Navigation System – (U.S. only)	FA196A#ABA
Headphones	Bluetooth Stereo Headphones	FA303A#AC3
Cases	iPAQ Rugged Case	FA288A#AC3
	Nylon Slim Case	FA161A#AC3
	Leather Belt Case	FA160A#AC3
	Premier Leather Belt Case	FA350A#AC3
	Custom Cases: to view and order go to: http://www.casesonline.com	

NOTES:

[1] A standard Wi-Fi infrastructure, other Bluetooth-enabled devices, separately purchased equipment, and a service contract with a wireless airtime provider may be required for applicable wireless communication. Wireless Internet use requires a separately purchased service contract. Check with wireless network service providers for availability and coverage in your area. Not all web content available.

[2] User must have HP ProtectTools features enabled.

[3] Requires Bluetooth enabled mobile, separately purchased wireless carrier/Internet service plan(s) and supporting IT infrastructure.

[4] Telephone service requires separately purchased contract with a telephone service provider with coverage in your service area.

[5] Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use may require separately purchased Internet service contract.

HP iPAQ Pocket PC features Windows Mobile™ software

For more information on HP iPAQ Pocket PC, visit our website at http://www.hp.com/go/iPAQ

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